

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **04272634 A**(43) Date of publication of application: **29.09.92**

(51) Int. Cl **H01J 11/00**
H01J 11/02

(21) Application number: **03103258**(71) Applicant: **NEC CORP**(22) Date of filing: **26.02.91**(72) Inventor: **OKAJIMA TETSUJI****(54) PLASMA DISPLAY PANEL****(57) Abstract:**

PURPOSE: To provide a black electrode which is blacker than a former type and has a lower resistance value in order to improve contrast and color purity of a plasma display panel forming the black electrode on a transparent electrode so as to lower the resistance value of the transparent electrode.

CONSTITUTION: A black electrode 18, which has a high resistance value but is blacker than a former type, is formed on a transparent electrode 19, and a metallic electrode 17, which is not black but has a low resistance value, is formed on this black electrode. These black electrode 18 and metallic electrode 17 are formed so as to superpose upon a diaphragm 14. The diaphragm 14 is formed of a black material. Due to the above-mentioned structure, the metallic electrode 17 cannot be seen from the display surface side, and the screen becomes black color, so that contrast and color purity can be improved. Furthermore, the resistance value of the electrodes can be lowered.

COPYRIGHT: (C)1992,JPO&Japio

